

## **RAW SEQUENCE LISTING**

**The Biotechnology Systems Branch of the Scientific and Technical  
Information Center (STIC) no errors detected.**

Application Serial Number: 10/663, 407 A  
Source: JFW16  
Date Processed by STIC: 11/22/2006

# ***ENTERED***



IFW16

**RAW SEQUENCE LISTING**

DATE: 11/22/2006

PATENT APPLICATION: US/10/663,407A

TIME: 11:20:06

Input Set : E:\1907.04-1 2006-11-03 NEW-SEQ-LIST (TXT) BGJ-RJB.ST25.txt

Output Set : N:\CRF4\11222006\J663407A.raw

3 <110> APPLICANT: Myriad Genetics, Incorporated  
 4 Wettstein, Daniel A  
 5 Morham, Scott  
 6 Zavitz, Kenton  
 8 <120> TITLE OF INVENTION: TSG101-GAG INTERACTION AND USE THEREOF  
 10 <130> FILE REFERENCE: 1907.04-1  
 C--> 12 <140> **CURRENT APPLICATION NUMBER: US/10/663,407A**  
 13 <141> CURRENT FILING DATE: 2003-09-15  
 15 <150> PRIOR APPLICATION NUMBER: PCT/US02/08146  
 16 <151> PRIOR FILING DATE: 2002-03-14  
 18 <150> PRIOR APPLICATION NUMBER: US 10/223,172  
 19 <151> PRIOR FILING DATE: 2002-08-19  
 21 <150> PRIOR APPLICATION NUMBER: US 10/224,999  
 22 <151> PRIOR FILING DATE: 2002-08-20  
 24 <160> NUMBER OF SEQ ID NOS: 75  
 26 <170> SOFTWARE: PatentIn version 3.3  
 28 <210> SEQ ID NO: 1  
 29 <211> LENGTH: 4  
 30 <212> TYPE: PRT  
 31 <213> ORGANISM: Human immunodeficiency virus  
 33 <400> SEQUENCE: 1  
 35 Pro Thr Ala Pro  
 36 1  
 39 <210> SEQ ID NO: 2  
 40 <211> LENGTH: 4  
 41 <212> TYPE: PRT  
 42 <213> ORGANISM: Mutant human immunodeficiency virus  
 44 <400> SEQUENCE: 2  
 46 Pro Thr Thr Pro  
 47 1  
 50 <210> SEQ ID NO: 3  
 51 <211> LENGTH: 4  
 52 <212> TYPE: PRT  
 53 <213> ORGANISM: Human immunodeficiency virus  
 55 <400> SEQUENCE: 3  
 57 Pro Ser Ala Pro  
 58 1  
 61 <210> SEQ ID NO: 4  
 62 <211> LENGTH: 4  
 63 <212> TYPE: PRT  
 64 <213> ORGANISM: Mutant human immunodeficiency virus  
 66 <400> SEQUENCE: 4  
 68 Pro Ser Thr Pro

## RAW SEQUENCE LISTING

DATE: 11/22/2006

PATENT APPLICATION: US/10/663,407A

TIME: 11:20:06

Input Set : E:\1907.04-1 2006-11-03 NEW-SEQ-LIST (TXT) BGJ-RJB.ST25.txt

Output Set: N:\CRF4\11222006\J663407A.raw

69 1  
72 <210> SEQ ID NO: 5  
73 <211> LENGTH: 4  
74 <212> TYPE: PRT  
75 <213> ORGANISM: Mutant human immunodeficiency virus  
77 <400> SEQUENCE: 5  
79 Pro Ile Ala Pro  
80 1  
83 <210> SEQ ID NO: 6  
84 <211> LENGTH: 4  
85 <212> TYPE: PRT  
86 <213> ORGANISM: Mutant human immunodeficiency virus  
88 <400> SEQUENCE: 6  
90 Pro Ile Thr Pro  
91 1  
94 <210> SEQ ID NO: 7  
95 <211> LENGTH: 5  
96 <212> TYPE: PRT  
97 <213> ORGANISM: Human immunodeficiency virus  
99 <400> SEQUENCE: 7  
101 Glu Pro Thr Ala Pro  
102 1 5  
105 <210> SEQ ID NO: 8  
106 <211> LENGTH: 5  
107 <212> TYPE: PRT  
108 <213> ORGANISM: Human immunodeficiency virus  
110 <400> SEQUENCE: 8  
112 Glu Pro Ser Ala Pro  
113 1 5  
116 <210> SEQ ID NO: 9  
117 <211> LENGTH: 5  
118 <212> TYPE: PRT  
119 <213> ORGANISM: Human immunodeficiency virus  
121 <400> SEQUENCE: 9  
123 Pro Thr Ala Pro Pro  
124 1 5  
127 <210> SEQ ID NO: 10  
128 <211> LENGTH: 5  
129 <212> TYPE: PRT  
130 <213> ORGANISM: Human immunodeficiency virus  
132 <400> SEQUENCE: 10  
134 Pro Ser Ala Pro Pro  
135 1 5  
138 <210> SEQ ID NO: 11  
139 <211> LENGTH: 6  
140 <212> TYPE: PRT  
141 <213> ORGANISM: Human immunodeficiency virus  
143 <400> SEQUENCE: 11  
145 Glu Pro Thr Ala Pro Pro

## RAW SEQUENCE LISTING

DATE: 11/22/2006

PATENT APPLICATION: US/10/663,407A

TIME: 11:20:06

Input Set : E:\1907.04-1 2006-11-03 NEW-SEQ-LIST (TXT) BGJ-RJB.ST25.txt

Output Set: N:\CRF4\11222006\J663407A.raw

```
146 1          5
149 <210> SEQ ID NO: 12
150 <211> LENGTH: 6
151 <212> TYPE: PRT
152 <213> ORGANISM: Human immunodeficiency virus
154 <400> SEQUENCE: 12
156 Glu Pro Ser Ala Pro Pro
157 1          5
160 <210> SEQ ID NO: 13
161 <211> LENGTH: 6
162 <212> TYPE: PRT
163 <213> ORGANISM: Human immunodeficiency virus
165 <400> SEQUENCE: 13
167 Pro Glu Pro Thr Ala Pro
168 1          5
171 <210> SEQ ID NO: 14
172 <211> LENGTH: 6
173 <212> TYPE: PRT
174 <213> ORGANISM: Human immunodeficiency virus
176 <400> SEQUENCE: 14
178 Pro Glu Pro Ser Ala Pro
179 1          5
182 <210> SEQ ID NO: 15
183 <211> LENGTH: 7
184 <212> TYPE: PRT
185 <213> ORGANISM: Human immunodeficiency virus
187 <400> SEQUENCE: 15
189 Arg Pro Glu Pro Thr Ala Pro
190 1          5
193 <210> SEQ ID NO: 16
194 <211> LENGTH: 7
195 <212> TYPE: PRT
196 <213> ORGANISM: Human immunodeficiency virus
198 <400> SEQUENCE: 16
200 Arg Pro Glu Pro Ser Ala Pro
201 1          5
204 <210> SEQ ID NO: 17
205 <211> LENGTH: 7
206 <212> TYPE: PRT
207 <213> ORGANISM: Human immunodeficiency virus
209 <400> SEQUENCE: 17
211 Pro Glu Pro Thr Ala Pro Pro
212 1          5
215 <210> SEQ ID NO: 18
216 <211> LENGTH: 7
217 <212> TYPE: PRT
218 <213> ORGANISM: Human immunodeficiency virus
220 <400> SEQUENCE: 18
222 Pro Glu Pro Ser Ala Pro Pro
```

## RAW SEQUENCE LISTING

DATE: 11/22/2006

PATENT APPLICATION: US/10/663,407A

TIME: 11:20:06

Input Set : E:\1907.04-1 2006-11-03 NEW-SEQ-LIST (TXT) BGJ-RJB.ST25.txt

Output Set: N:\CRF4\11222006\J663407A.raw

223 1 5  
226 <210> SEQ ID NO: 19  
227 <211> LENGTH: 8  
228 <212> TYPE: PRT  
229 <213> ORGANISM: Human immunodeficiency virus  
231 <400> SEQUENCE: 19  
233 Glu Pro Thr Ala Pro Pro Glu Glu  
234 1 5  
237 <210> SEQ ID NO: 20  
238 <211> LENGTH: 8  
239 <212> TYPE: PRT  
240 <213> ORGANISM: Human immunodeficiency virus  
242 <400> SEQUENCE: 20  
244 Glu Pro Ser Ala Pro Pro Glu Glu  
245 1 5  
248 <210> SEQ ID NO: 21  
249 <211> LENGTH: 8  
250 <212> TYPE: PRT  
251 <213> ORGANISM: Human immunodeficiency virus  
253 <400> SEQUENCE: 21  
255 Glu Pro Thr Ala Pro Pro Ala Glu  
256 1 5  
259 <210> SEQ ID NO: 22  
260 <211> LENGTH: 9  
261 <212> TYPE: PRT  
262 <213> ORGANISM: Human immunodeficiency virus  
264 <400> SEQUENCE: 22  
266 Pro Glu Pro Thr Ala Pro Pro Glu Glu  
267 1 5  
270 <210> SEQ ID NO: 23  
271 <211> LENGTH: 9  
272 <212> TYPE: PRT  
273 <213> ORGANISM: Human immunodeficiency virus  
275 <400> SEQUENCE: 23  
277 Pro Glu Pro Thr Ala Pro Pro Ala Glu  
278 1 5  
281 <210> SEQ ID NO: 24  
282 <211> LENGTH: 9  
283 <212> TYPE: PRT  
284 <213> ORGANISM: Human immunodeficiency virus  
286 <400> SEQUENCE: 24  
288 Pro Glu Pro Ser Ala Pro Pro Glu Glu  
289 1 5  
292 <210> SEQ ID NO: 25  
293 <211> LENGTH: 10  
294 <212> TYPE: PRT  
295 <213> ORGANISM: Human immunodeficiency virus  
297 <400> SEQUENCE: 25  
299 Arg Pro Glu Pro Thr Ala Pro Pro Glu Glu

## RAW SEQUENCE LISTING

DATE: 11/22/2006

PATENT APPLICATION: US/10/663,407A

TIME: 11:20:06

Input Set : E:\1907.04-1 2006-11-03 NEW-SEQ-LIST (TXT) BGJ-RJB.ST25.txt

Output Set: N:\CRF4\11222006\J663407A.raw

```

300 1          5          10
303 <210> SEQ ID NO: 26
304 <211> LENGTH: 10
305 <212> TYPE: PRT
306 <213> ORGANISM: Human immunodeficiency virus
308 <400> SEQUENCE: 26
310 Arg Pro Glu Pro Ser Ala Pro Pro Glu Glu
311 1          5          10
314 <210> SEQ ID NO: 27
315 <211> LENGTH: 10
316 <212> TYPE: PRT
317 <213> ORGANISM: Human immunodeficiency virus
319 <400> SEQUENCE: 27
321 Arg Pro Glu Pro Thr Ala Pro Pro Ala Glu
322 1          5          10
325 <210> SEQ ID NO: 28
326 <211> LENGTH: 10
327 <212> TYPE: PRT
328 <213> ORGANISM: Human immunodeficiency virus
330 <400> SEQUENCE: 28
332 Arg Pro Glu Pro Ser Ala Pro Pro Ala Glu
333 1          5          10
336 <210> SEQ ID NO: 29
337 <211> LENGTH: 13
338 <212> TYPE: PRT
339 <213> ORGANISM: Human immunodeficiency virus
341 <400> SEQUENCE: 29
343 Leu Gln Ser Arg Pro Glu Pro Thr Ala Pro Pro Glu Glu
344 1          5          10
347 <210> SEQ ID NO: 30
348 <211> LENGTH: 13
349 <212> TYPE: PRT
350 <213> ORGANISM: Human immunodeficiency virus
352 <400> SEQUENCE: 30
354 Leu Gln Ser Arg Pro Glu Pro Ser Ala Pro Pro Glu Glu
355 1          5          10
358 <210> SEQ ID NO: 31
359 <211> LENGTH: 14
360 <212> TYPE: PRT
361 <213> ORGANISM: Human immunodeficiency virus
363 <400> SEQUENCE: 31
365 Leu Gln Ser Arg Pro Glu Pro Thr Ala Pro Pro Glu Glu Ser
366 1          5          10
369 <210> SEQ ID NO: 32
370 <211> LENGTH: 14
371 <212> TYPE: PRT
372 <213> ORGANISM: Human immunodeficiency virus
374 <400> SEQUENCE: 32
376 Leu Gln Ser Arg Pro Glu Pro Ser Ala Pro Pro Glu Glu Ser

```

**VERIFICATION SUMMARY**

DATE: 11/22/2006

PATENT APPLICATION: US/10/663,407A

TIME: 11:20:07

Input Set : E:\1907.04-1 2006-11-03 NEW-SEQ-LIST (TXT) BGJ-RJB.ST25.txt

Output Set: N:\CRF4\11222006\J663407A.raw

L:12 M:270 C: Current Application Number differs, Replaced Current Application Number